

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
DONALD L. SCHILLING)
Serial No. NOT YET ASSIGNED) Group Art Unit:
Filed:) Examiner:
For: SPREAD-SPECTRUM DATA)
DETECTION USING MATCHED-)
FILTER OBTAINED SIDE)
INFORMATION)

)

Honorable Commissioner of Patents
P.O. Box 1450
Arlington, VA 22313-1450

Sir:

PRELIMINARY AMENDMENT A

Prior to the calculating the filing fee, kindly enter the following amendment.

IN THE ABSTRACT:

Substitute the following Abstract, for the current Abstract, a copy of which is attached to this Amendment:

--ABSTRACT

An improvement to a spread-spectrum receiver having a matched filter. A symbol sampler samples at the symbol time T_s , a symbol sample from the matched filter. A noise sampler samples at a plurality of chip times kT_c , but not at the symbol